SEQUENCE LISTING

<110> RIKEN

AJINOMOTO CO., INC.

<120> A METHOD FOR INCREASING STRESS-RESISTANCE TO A PLANT

<130> 204934US-3534-10-0

<150> JP 2001-72668

<151> 2001-03-14

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 750

<212> PRT

<213> Glycine max

<400> 1

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His Gly Lys Thr Ile Leu Thr Gly Val Pro Asp Asn Val Val Leu Thr
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Pro Gly Ser Gly Arg Gly Leu Val Thr Gly Ala Phe Val Gly Ala Thr

35 40 45

Ala Ser His Ser Lys Ser Leu His Val Phe Pro Met Gly Val Leu Glu
50 55 60

Gly Leu Arg Phe Met Cys Cys Phe Arg Phe Lys Leu Trp Trp Met Thr
65 70 75 80

Gln Arg Met Gly Thr Cys Gly Arg Asp Val Pro Leu Glu Thr Gln Phe
85 90 95

Met Leu Ile Glu Ser Lys Glu Ser Glu Thr Asp Gly Glu Asn Ser Pro
100 105 110

Ile Ile Tyr Thr Val Leu Leu Pro Leu Leu Glu Gly Gln Phe Arg Ala
115 120 125

Val Leu Gln Gly Asn Asp Lys Asn Glu Ile Glu Ile Cys Leu Glu Ser
130 135 140

Gly Asp Asn Ala Val Glu Thr Asp Gln Gly Leu His Met Val Tyr Met
145 150 155 160

His Ala Gly Thr Asn Pro Phe Glu Val Ile Asn Gln Ala Val Lys Ala
165 170 175

Val Glu Lys His Met Gln Thr Phe Leu His Arg Glu Lys Lys Arg Leu
180 185 190

Pro Ser Cys Leu Asp Trp Phe Gly Trp Cys Thr Trp Asp Ala Phe Tyr
195 200 205

Thr Asp Val Thr Ala Glu Gly Val Glu Glu Gly Leu Lys Ser Leu Ser
210 215 220

Gln Gly Gly Thr Pro Pro Arg Phe Leu Ile Ile Asp Asp Gly Trp Gln
225 230 235 240

Gln Ile Glu Asn Lys Ala Lys Asp Ala Thr Glu Cys Leu Val Gln Glu
245 250 255

Gly Ala Gln Phe Ala Thr Arg Leu Thr Gly Ile Lys Glu Asn Thr Lys
260 265 270

Phe Gln Lys Lys Leu Gln Asn Asn Glu Gln Met Ser Gly Leu Lys His
275 280 285

Leu Val His Gly Ala Lys Gln His His Asn Val Lys Asn Val Tyr Val
290 295 300

Trp His Ala Leu Ala Gly Tyr Trp Gly Gly Val Lys Pro Ala Ala Thr
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Gly Met Glu His Tyr Asp Thr Ala Leu Ala Tyr Pro Val Gln Ser Pro
325 330 335

Gly Val Leu Gly Asn Gln Pro Asp Ile Val Met Asp Ser Leu Ala Val
340 345 350

His Gly Leu Gly Leu Val His Pro Lys Lys Val Phe Asn Phe Tyr Asn
355 360 365

Glu Leu His Ala Tyr Leu Ala Ser Cys Gly Val Asp Gly Val Lys Val
370 375 380

Asp Val Gln Asn Ile Ile Glu Thr Leu Gly Ala Gly His Gly Gly Arg
385 390 395 400

Val Ser Leu Thr Arg Ser Tyr His His Ala Leu Glu Ala Ser Ile Ala
405 410 415

Ser Asn Phe Thr Asp Asn Gly Cys Ile Ala Cys Met Cys His Asn Thr
420 425 430

Asp Gly Leu Tyr Ser Ala Lys Gln Thr Ala Ile Val Arg Ala Ser Asp
435 440 445

Asp Phe Tyr Pro Arg Asp Pro Ala Ser His Thr Ile His Ile Ser Ser
450 455 460

Val Ala Tyr Asn Ser Leu Phe Leu Gly Glu Phe Met Gln Pro Asp Trp
465 470 475 480

Asp Met Phe His Ser Leu His Pro Ala Ala Asp Tyr His Ala Ala Ala
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Arg Ala Ile Gly Gly Cys Pro Ile Tyr Val Ser Asp Lys Pro Gly Asn

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His Asn Phe Asp Leu Leu Lys Lys Leu Val Leu Pro Asp Gly Ser Val
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Leu Arg Ala Gln Leu Pro Gly Arg Pro Thr Arg Asp Ser Leu Phe Val
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Asp Pro Ala Arg Asp Arg Thr Ser Leu Leu Lys Ile Trp Asn Leu Asn
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Lys Cys Ser Gly Val Val Gly Val Phe Asn Cys Gln Gly Ala Gly Trp
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Cys Lys Ile Glu Lys Lys Thr Arg Ile His Asp Thr Ser Pro Gly Thr
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Leu Thr Ala Ser Val Cys Ala Ser Asp Val Asp Leu Ile Thr Gln Val
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Ala Gly Ala Glu Trp Leu Gly Asp Thr Ile Val Tyr Ala Tyr Arg Ser
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Gly Glu Val Ile Arg Leu Pro Lys Gly Val Ser Ile Pro Val Thr Leu
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Lys Val Leu Glu Phe Glu Leu Phe His Phe Cys Pro Ile Gln Glu Ile
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Ala Pro Ser Ile Ser Phe Ala Ala Ile Gly Leu Leu Asp Met Phe Asn
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Thr Gly Gly Ala Val Glu Gln Val Glu Ile His Asn Arg Ala Ala Thr
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Lys Thr Ile Ala Leu Ser Val Arg Gly Arg Gly Arg Phe Gly Val Tyr
690 695 700

Ser Ser Gln Arg Pro Leu Lys Cys Val Val Gly Gly Ala Glu Thr Asp
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<213> Glycine max

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<223> Description of Artificial Sequence:Primer

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